CLAIMS

1. A plasmid characterized in that the plasmid comprises a DNA fragment containing a gene coding for an enzyme taking PQQ as the prosthetic group as cloned in a broad-host-range vector defected of conjugative transfer function beforehand and that the plasmid is capable of being expressed in bacteria of the genus *Pseudomonas*.

2. The plasmid according to Claim 1 wherein the broad-host-range vector is a plasmid belonging to the incompatibility group P-4.

3. The plasmid according to Claim 1 wherein the enzyme taking PQQ as the prosthetic group is glucose dehydrogenase.

4. A transformant characterized in that the transformant comprises the plasmid according to Claim 1 as introduced into a bacterial strain capable of producing an enzyme taking PQQ as the prosthetic group.

5. The transformant according to Claim 4 wherein the strain capable of producing an enzyme taking PQQ as the prosthetic group is a bacterial strain of the genus *Pseudomonas*.

6. A method of producing an enzyme taking PQQ as the prosthetic group characterized by its comprising growing the transformant according to Claim 4 in a nutrient medium to let it produce the enzyme taking PQQ as the prosthetic group in the culture broth and harvesting the enzyme taking PQQ as the prosthetic group from said culture broth.